Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method for replicating locally a signal generated remotely, comprising:

estimating a first parameter of the signal remotely;

estimating a second parameter of the signal locally, the second parameter being different from the first parameter; and

modifying a second signal to replicate the signal as a function of the estimated first and second parameters.

2. (Original) The method of claim 1 wherein the second signal comprises white noise.

3. (Original) The method of claim 1 wherein the first parameter comprises energy of the signal and the second parameter comprises spectral characteristics of the signal.

4. (Original) The method of claim 3 wherein the modification of the second signal comprises scaling the second signal as a function of the estimated energy, and filtering the second signal as a function of the estimated spectral characteristics.

5. (Original) The method of claim 4 wherein the second signal comprises white noise.

6. (Original) The method of claim 4 wherein the estimation of the spectral characteristics comprises estimating filter coefficients which model the spectral shape of the signal, the

filtering of the second signal being a function of the estimated filter coefficients.

7. (Original) The method of claim 6 wherein the estimation of the filter coefficients comprises calculating autocorrelation coefficients, the filter coefficients being a function of the autocorrelation coefficients.

8. (Original) The method of claim 1 wherein the estimation of the filter coefficients comprises calculating linear prediction coefficients, the filter coefficients being a function of the linear prediction coefficients.

9. (Original) The method of claim 1 further comprising estimating the first parameter locally, the estimation of the second parameter being performed only during a time period when the locally estimated first parameter satisfies a criteria.

10. (Original) The method of claim 9 wherein the first parameter comprises energy of the signal and the second parameter comprises spectral characteristics of the signal.

11. (Original) The method of claim 10 wherein the criteria is satisfied only when the difference between the remotely estimated energy and the locally estimated energy is less than a threshold.

12. (Original) A method for replicating, at a near end, far end background noise of a signal generated by a far end, comprising:
    estimating a first parameter of the far end background noise at the far end;
    transmitting the first parameter and the signal from the far end to the near end;
    estimating a second parameter different from the first parameter of the far end background noise at the near end; and

modifying a noise signal to replicate the far end background noise as a function of the estimated first and second parameters.

13. (Original) The method of claim 12 wherein the noise signal comprises white noise.

14. (Original) The method of claim 12 wherein the first parameter comprises energy of the far end background noise and the second parameter comprises spectral characteristics of the far end background noise.

15. (Original) The method of claim 14 wherein the modification of the noise signal comprises scaling the noise signal as a function of the estimated energy, and filtering the noise signal as a function of the estimated spectral characteristics.

16. (Original) The method of claim 15 wherein the estimation of the spectral characteristics comprises estimating filter coefficients which model the spectral shape of the far end background noise, the filtering of the noise signal being a function of the estimated filter coefficients.

17. (Original) The method of claim 16 wherein the estimation of the filter coefficients comprises calculating autocorrelation coefficients, the filter coefficients being a function of the autocorrelation coefficients.

18. (Original) The method of claim 17 wherein the estimation of the filter coefficients comprises calculating linear prediction coefficients, the filter coefficients being a function of the linear prediction coefficients.

19. (Original) The method of claim 12 further comprising estimating the first parameter of the background noise of the transmitted signal at the near end, the estimation of the second

parameter at the near end being performed only during a time period when the first parameter estimated at the near end satisfies a criteria.

20. (Original) The method of claim 19 wherein the first parameter comprises energy of the signal and the second parameter comprises spectral characteristics of the signal.

21. (Original) The method of claim 20 wherein the criteria is satisfied only when the difference between the energy estimated at the far end and the energy estimated at the near end is less than a threshold.

22. (Original) A local receiver for replicating a signal generated by a remote transmitter, the local receiver adapted to receive the signal and a first parameter of the signal, the local receiver, comprising:

a signal estimator to estimate a second parameter of the signal different from the first parameter; and

a signal generator to modify a second signal to replicate the signal as a function of the first and estimated second parameters.

23. (Original) The receiver of claim 22 wherein the second signal comprises white noise.

24. (Original) The receiver of claim 22 wherein the first parameter comprises energy of the signal and the second parameter comprises spectral characteristics of the signal.

25. (Original) The receiver of claim 24 wherein the signal generator comprises a power controller to scale the second signal as a function of the energy, and a synthesis filter to filter the second signal as a function of the estimated spectral characteristics.

26.-107. (Cancelled)